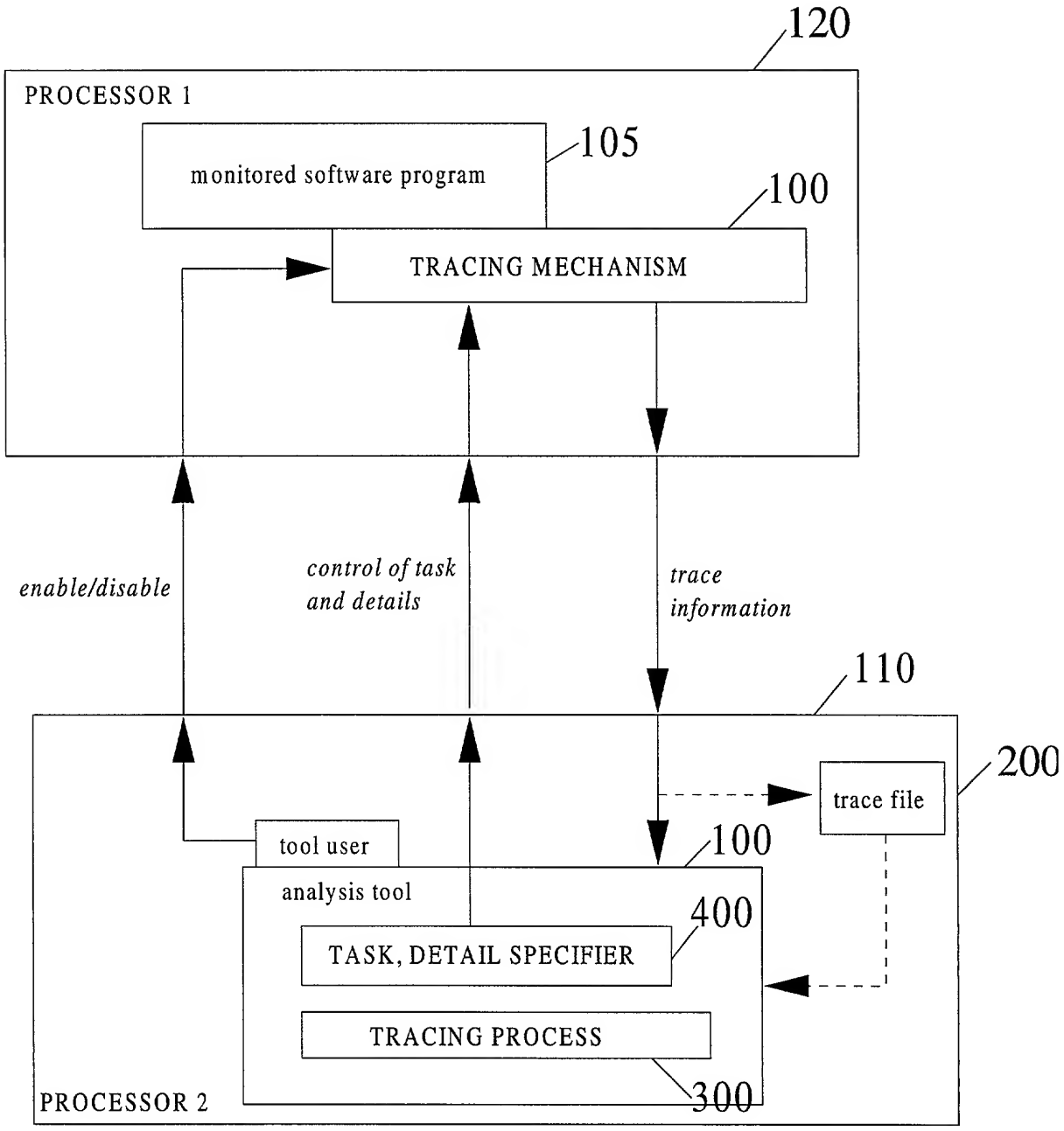
120
PROCESSOR 1
105
monitored software program
100
TRACING MECHANISM
enable/disable
control of task
and details
trace
information
110
200
trace file
tool user
100
analysis tool
400
TASK, DETAIL SPECIFIER
TRACING PROCESS
300
PROCESSOR 2

FIG. 1

TRACE FILE 200

	EVENT 510	OBJECT 520	TIME-STAMP 530
501	ENTER FOO	5	17
502	EXIT FOO	5	18
...			
504	CREATE OBJECT	6	20

FIG. 2

3626.0044.0004

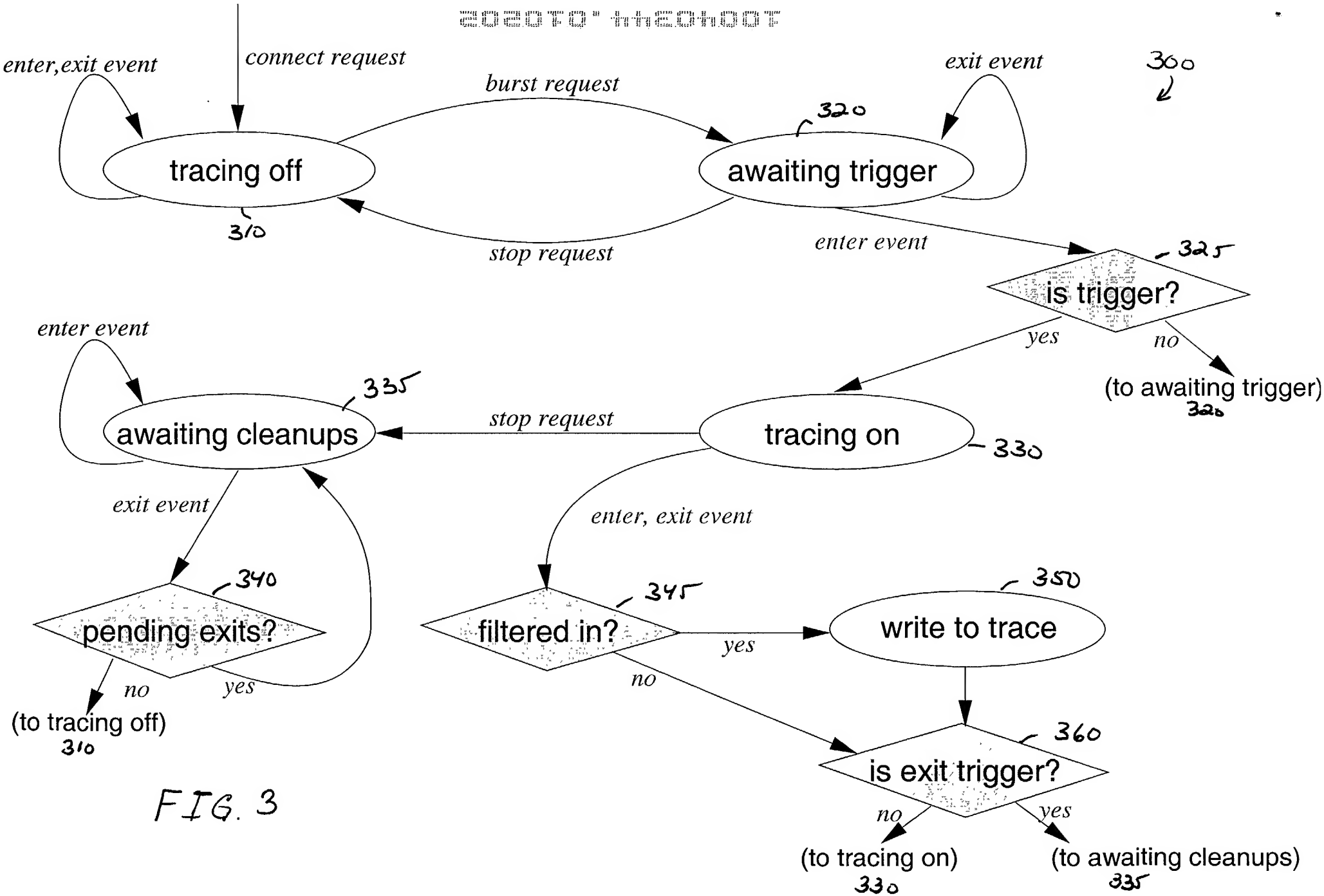
enter,exit event
connect request
burst request
exit event
300
320
tracing off
awaiting trigger
310
stop request
enter event
325
is trigger?
yes
no
(to awaiting trigger)
320
enter event
335
awaiting cleanups
stop request
tracing on
330
exit event
enter, exit event
340
pending exits?
345
filtered in?
350
write to trace
yes
no
yes
no
(to tracing off)
310
360
is exit trigger?
no
yes
(to tracing on)
330
(to awaiting cleanups)
335

FIG. 3

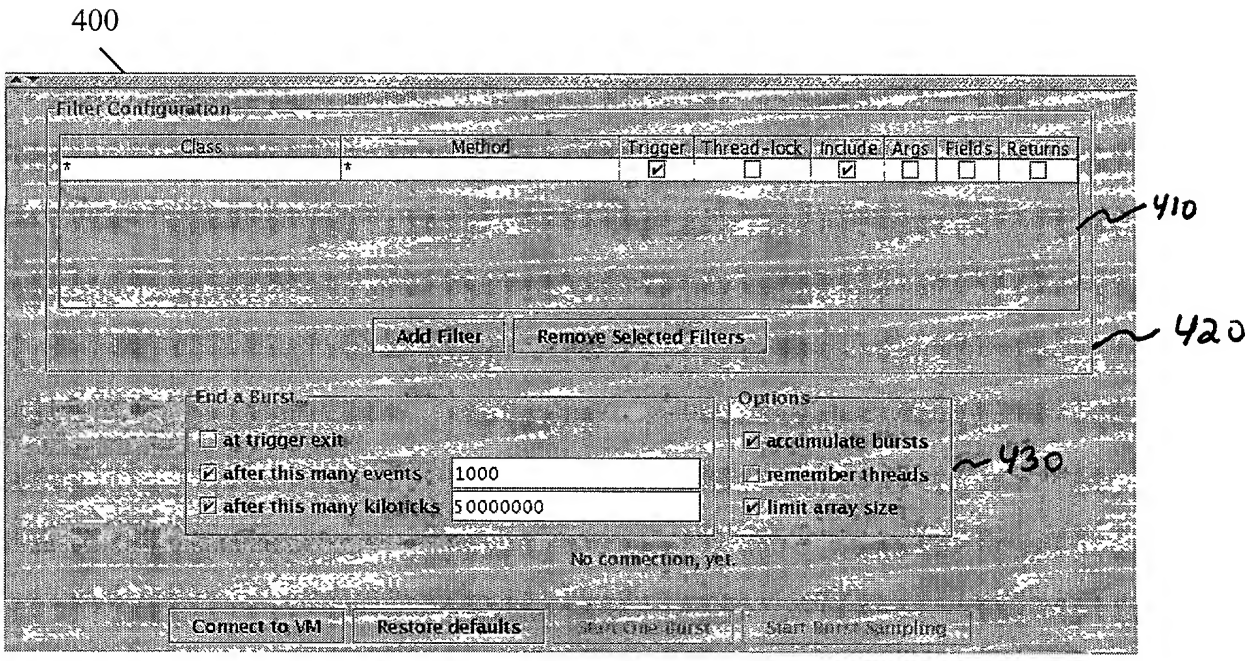
400
Filter Configuration
Class
Method
Trigger
Thread-lock
Include
Args
Fields
Returns
*
*
410
Add Filter
Remove Selected Filters
420
End a Burst...
at trigger exit
after this many events
1000
after this many kiloticks
50000000
Options
accumulate bursts
remember threads
limit array size
430
No connection, yet.
Connect to VM
Restore defaults
Start One Burst
Start Burst Sampling

FIG. 4